

Title (en)

Process for producing high molecular weight thermoplastic resin composition and its use

Title (de)

Verfahren zur Darstellung einer hochmolekularen Thermoplastzusammensetzung und deren Verwendung

Title (fr)

Procédé de préparation d'une composition de résine thermoplastique à poids moléculaire élevé et leur utilisation

Publication

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Application

**EP 00112699 A 20000615**

Priority

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Abstract (en)

The present invention provides: a process for producing a high molecular weight thermoplastic resin composition, which can give the high molecular weight thermoplastic resin composition with good reproducibility and stably; and uses of the resultant resin composition. The process for producing a high molecular weight thermoplastic resin composition comprises the step of mixing a thermoplastic resin with pyromellitic dianhydride to carry out a reaction therebetween to convert the thermoplastic resin into a high molecular weight one, and this process is characterized in that the pyromellitic dianhydride has at least one of the following properties in particle form: (1) intrinsically linear or needle-like particle forms; (2) a bulk density of 0.4 SIMILAR 0.9 g/ml; and (3) a rest angle of 50 SIMILAR 70 degrees.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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